

Safe Traveling

Healthy Living



 **DOWFLAKE™ XTRA**
83-87% PURE **CALCIUM CHLORIDE**

.....
Superior Dust Control. Superior Value.

Xtra Performance That Goes the Xtra Mile

Leading road maintenance professionals rely on calcium chloride to make unpaved surfaces safer and last longer. The result is lower total maintenance costs and fewer complaints related to dust problems.

With approximately 10% more calcium chloride than conventional 77% calcium chloride flake products, DOWFLAKE™ Xtra gives you greater pound-for-pound dust control than magnesium chloride, other calcium chloride formulations or other materials.



Controlling dust with DOWFLAKE™ Xtra makes large-scale construction sites friendlier to neighboring residents and businesses.

DOWFLAKE™ Xtra contributes to worker and workplace safety by reducing dust and increasing visibility on quarry, logging and mining roads.



Unsettled Dust Causes Unsettling Problems

Dust on unpaved surfaces can create hazardous and unhealthy conditions, and drain your maintenance budget.

- Dust clouds impair visibility and make driving unsafe.
- As an unpaved surface emits dust, the surface deteriorates over time, producing loose aggregate (stones and gravel), potholes, ridges and ruts. Loose aggregate can crack windshields, chip paint, break headlights and damage suspension systems.
- Nuisance dust inhalation can worsen asthma and other respiratory problems.
- Excessive dust results in complaints about dangerous driving conditions and dust accumulation on clothes and vehicles, and in homes and recreational areas.
- Surface deterioration leads to repetitive and costly maintenance work such as spot repairs, frequent bladings and aggregate replacement.

Fortunately, DOWFLAKE™ Xtra provides an easy-to-use, effective and economical way to control dust and the problems associated with it.

**MORE
CONCENTRATED,
APPLY LESS!**

Dust Control Application Rates

Product	Units	Unpaved Roads and Cart Paths	Truck Terminals and Parking Lots	Mining and Logging Roads
DOWFLAKE™ Xtra	US	1.36 lb/yd² 4.78 ton/lane-mi	1.54 lb/yd² 5.42 ton/lane-mi	1.81 lb/yd² 6.38 ton/lane-mi
	Metric	0.74 kg/m² 2.73 tonne/lane-km	0.84 kg/m² 3.09 tonne/lane-km	0.98 kg/m² 3.64 tonne/lane-km
Calcium Chloride Flake 77%	US	1.50 lb/yd² 5.28 ton/lane-mi	1.70 lb/yd² 5.98 ton/lane-mi	2.00 lb/yd² 7.04 ton/lane-mi
	Metric	0.81 kg/m² 3.01 tonne/lane-km	0.92 kg/m² 3.41 tonne/lane-km	1.09 kg/m² 4.01 tonne/lane-km

NOTE: lane-mi equals 4 yards wide by 1,760 yards long; lane-km equals 3.7 meters wide by 1,000 meters long

The Calcium Chloride Advantage

Calcium chloride has long been the preferred means for dust control of unpaved surfaces, making them safer and cutting down on costs. Annual applications of calcium chloride:

- Increase visibility, providing safer driving conditions.
- Minimize damage to vehicles, reducing repair claims.
- Promote a healthier environment by controlling airborne dust.
- Result in fewer dust-related complaints from area residents and businesses.
- Reduce material, labor, fuel and equipment maintenance costs, and residents' vehicle maintenance and repair costs.

Alternative dust control methods just don't measure up to the performance of calcium chloride, which:

- Requires less than half the application rate of *magnesium chloride*, thereby **significantly reducing your costs**.*
- Lasts longer than *oils and emulsions*.
- Has greater, more predictable performance and less environmental impact than *natural and processed brines*, which often contain high levels of sodium/chloride.

Benefits of That Xtra Step

DOWFLAKE™ Xtra's higher concentration of calcium chloride brings even greater performance, and increases the product's value by reducing handling, storage, transportation and package disposal costs.

With DOWFLAKE™ Xtra, you also get the value-added Xtras of reliable supply, consistent quality, quick response and leading technical service and support.

Contact a DOWFLAKE™ Xtra distributor today, and discover more about how DOWFLAKE™ Xtra leaves competing solutions in the dust.



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*Based on EPA ETV Dust Suppressant Products study, September 2005